

Exhibit A

## Specification Sheet



Register for additional site benefits. | Login | Your Profile | Order Center | Search | Support | Help

Product Name or No.



SIGMA-ALDRICH

## Specification Sheet

Related Information

[MSDS](#)

[Specification Sheet](#)

[Certificate of Analysis](#)

[Enter Lot No.](#)

[More Information](#)

Links

[Product Detail Page](#)

Page Options

[Print Preview](#)

[Bulk Quote](#)

[Ask A Scientist](#)

[Email Page](#)

Last 5 Products Viewed  
C9409 (Sigma)

Product Name Creatinine Deiminase microbial,  
lyophilized powder, 25-50 units/mg protein

C9409

Sigma

37289-15-9

-20°C

## TEST

## APPEARANCE

## PROTEIN BY BIURET

## ENZYMATIC ACTIVITY

## UNIT DEFINITION

## SHELF LIFE

## SPECIFICATION

## REPORT RESULT

## APPROX 4-5%

## 25 - 50 UNITS/MG PROTEIN

ONE UNIT WILL HYDROLYZE 1 MICROMOLE OF CREATININE TO N-METHYLHYDANTOIN AND NH<sub>3</sub> PER MINUTE AT PH7.5 AT 37DEGC IN A COUPLED SYSTEM WITH L-GLUTAMIC DEHYDROGENASE.

7 YEARS

Use of this web site constitutes your acceptance of the Site Use Terms

[privacy](#) | [terms and conditions of sale](#) | [Business Development](#)

BEST AVAILABLE COPY